Project Title	Funding	Institution
FUNCTIONAL ANATOMY OF FACE PROCESSING IN THE PRIMATE BRAIN	\$1,695,557	National Institutes of Health
Functional Genomics of Human Brain Development	\$1,313,408	Yale University
The Cognitive Neuroscience of Autism Spectrum Disorders	\$1,125,989	National Institutes of Health
Regulation of Neuroligins and Effects on Synapse Number and Function	\$995,177	National Institutes of Health
Neuronal Correlates of Autistic Traits in ADHD and Autism	\$870,670	New York University
Single-cell approaches to deconvolution of disease-associated signals	\$817,969	University of California, San Diego
The Elongation Hypothesis of Autism	\$760,000	University of North Carolina
FUNCTION OF NEUREXINS	\$716,276	STANFORD UNIVERSITY
Characterizing mechanistic heterogeneity across ADHD and Autism	\$709,255	OREGON HEALTH & SCIENCE UNIVERSITY
Functional connectivity substrates of social and non-social deficits in ASD	\$701,636	Massachusetts General Hospital
Computational characterization of language use in autism spectrum disorder	\$692,720	OREGON HEALTH & SCIENCE UNIVERSITY
FUNCTIONAL AND STRUCTURAL OPTICAL BRAIN IMAGING	\$682,022	National Institutes of Health
Induced neuronal cells: A novel tool to study neuropsychiatric diseases	\$680,862	STANFORD UNIVERSITY
Function and Structure Adaptations in Forebrain Development	\$678,394	CHILDREN'S HOSPITAL OF LOS ANGELES
Inhibitory dysfunction in autism	\$647,425	University of Washington
Multiscale Genetic Connectivity of Primate Social Circuits	\$647,114	UNIVERSITY OF UTAH
Integrity and Dynamic Processing Efficiency of Networks in ASD	\$641,036	SAN DIEGO STATE UNIVERSITY
Brain Bases of Language Deficits in SLI and ASD	\$616,032	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Impact of SynGAP1 Mutations on Synapse Maturation and Cognitive Development	\$614,568	The Scripps Research Institute
Dynamic regulation of Shank3 and ASD	\$612,287	Johns Hopkins University
Mathematical Cognition in Autism: A Cognitive and Systems Neuroscience Approach	\$605,511	STANFORD UNIVERSITY
Mechanotransduction C. elegans	\$588,908	Massachusetts General Hospital
Dissecting recurrent microdeletion syndromes using dual-guide genome editing	\$580,798	Massachusetts General Hospital
Synaptic pathophysiology of the 16p11.2 microdeletion mouse model	\$557,176	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Characterizing Lexical Processing in Toddlers with Autism Spectrum Disorders	\$544,025	University of Wisconsin
THE COGNITIVE SEARCHLIGHT: TRN CIRCUIT DISSECTION IN HEALTH AND DISEASE	\$528,288	New York University
Bidirectional Tyrosine Kinase Signaling	\$523,695	UT SOUTHWESTERN MEDICAL CENTER
Cell adhesion molecules in autism: a whole-brain study of genetic mouse models	\$521,650	COLD SPRING HARBOR LABORATORY
The Social Brain in Schizophrenia and Autism Spectrum Disorders	\$519,563	HARTFORD HOSPITAL
Executive Function in Children with Typical and Atypical Language Abilities	\$514,484	University of Wisconsin
Reproducible protocols for robust cortical neuron and astroglial differentiation	\$500,132	University of California, San Diego

Project Title	Funding	Institution	
Gaining insight into psychiatric disease by engineering piece by piece the human brain in vitro.	\$496,813	STANFORD UNIVERSITY	
Dissecting neural mechanisms integrating multiple inputs in C. elegans	\$485,000	SALK INSTITUTE FOR BIOLOGICAL STUDIES	
Cognitive and Neural Flexibility in Autism	\$480,296	University of Miami	
The neurobiological basis of heterogeneous social and motor deficits in ASD	\$464,220	University of Southern California	
High content assays for cellular and synaptic phenotypes	\$462,191	University of California, San Diego	
Heparan sulfate in neurophysiology and neurological disorders	\$449,744	SANFORD-BURNHAM MEDICAL RESEARCH INSTIT	
Cortical Plasticity in Autism Spectrum Disorders	\$437,188	BETH ISRAEL DEACONESS MEDICAL CENTER	
Imaging adaptive cerebellar processing at cellular resolution in awake mice	\$428,215	PRINCETON UNIVERSITY	
The neurophysiology of sensory processing and multisensory integration in ASD	\$426,311	SYRACUSE UNIVERSITY	
Analysis of Shank3 Complete and Temporal and Spatial Specific Knockout Mice	\$425,202	Duke University	
Neuronal Adaptation and Plasticity after Chronic Disuse	\$423,750	New York University	
Biology of Non-Coding RNAs Associated with Psychiatric Disorders	\$416,433	University of Southern California	
Neural markers of shared gaze during simulated social interactions in ASD	\$416,250	Yale University	
Autism-linked endosomal mechanisms in neuronal arborization and connectivity	\$406,250	BROWN UNIVERSITY	
The Impact of Pten Signaling on Neuronal Form and Function	\$405,000	DARTMOUTH COLLEGE	
Cerebellum and autism: Neural mechanisms and modulation of predictive processing	\$402,769	AMERICAN UNIVERSITY	
Shank3 in Synaptic Function and Autism	\$401,250	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
Investigating the Mechanism of Optic Nerve Hypoplasia Associated with CASK Mutation	\$398,230	VIRGINIA POLYTECHNIC INST AND ST UNIV	
Organization of Excitatory and Inhibitory Circuits in ASD	\$395,236	Boston University	
Molecular mechanisms of the synaptic organizer alpha-neurexin	\$388,750	UNIVERSITY OF TEXAS MEDICAL BR GALVESTON	
PHENOTYPING ASTROCYTES IN HUMAN NEURODEVELOPMENTAL DISORDERS	\$386,607	STANFORD UNIVERSITY	
Typical and Pathological Cellular Development of the Human Amygdala	\$385,000	University of California, Davis	
Optogenetic treatment of social behavior in autism	\$385,000	University of California, Los Angeles	
Monoallelic expression in neurons derived from induced pluripotent stem cells	\$382,268	ALBERT EINSTEIN COLLEGE OF MEDICINE	
Neural networks for attention to internal and external sensory cues in ASD	\$379,582	Vanderbilt University	
Verbal/non-verbal asynchrony in adolescents with high-functioning Autism	\$376,077	EMERSON COLLEGE	
Engrailed targets and the control of synaptic circuits in Drosophila	\$375,000	UNIVERSITY OF PUERTO RICO MED SCIENCES	
AUDITORY AND INTEGRATIVE FUNCTIONS OF THE PREFRONTAL CORTEX	\$370,498	University of Rochester	

Project Title	Funding	Institution	
Cellular Density and Morphology in the Autistic Temporal Human Cerebral Cortex	\$365,795	University of California, Davis	
Research Project: Sensory and Multisensory Contributions to Autism	\$357,191	Vanderbilt University	
ELUCIDATING THE FUNCTION OF CLASS 4 SEMAPHORINS IN GABAERGIC SYNAPSE FORMATION.	\$353,931	BRANDEIS UNIVERSITY	
LEARNING AND PLASTICITY IN THE HUMAN BRAIN	\$339,183	National Institutes of Health	
Functional analysis of Neuroligin-Neurexin interactions in synaptic transmission	\$336,875	University of Massachusetts, Worcester	
Spastic paraplegia, neurodegeneration and autism: possible role for AT-1/SLC33A1?	\$330,978	University of Wisconsin	
Inhibitory mechanisms for sensory map plasticity in cerebral cortex.	\$326,282	University of California, Berkeley	
Molecular Dissection of Calmodulin Domain Functions	\$321,473	UNIVERSITY OF IOWA	
Impairments of Theory of Mind disrupt patterns of brain activity	\$321,000	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
Caspr2 as an autism candidate gene: a proteomic approach to function & structure.	\$318,000	RBHS-ROBERT WOOD JOHNSON MEDICAL SCHOOL	
Functional Genomics of Human Brain Development	\$317,764	Yale University	
Social Brain Networks for the Detection of Agents and Intentions	\$316,250	Yale University	
Electrophysiological Signatures of Language Impairment in Autism Spectrum Disord	\$312,853	Children's Hospital of Philadelphia	
Ontogeny and neural basis of social visual engagement in monkeys	\$312,542	Emory University	
Neuronal Basis of Vicarious Reinforcement Dysfunction in Autism Spectrum Disorder	\$309,592	Duke University	
Magnetoencephalographic studies of lexical processing and abstraction in autism	\$306,829	University of Pennsylvania	
Refining the Tourette Syndrome phenotype across diagnoses to aid gene discovery	\$299,537	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO	
Statistical Methods for Ultrahigh-dimensional Biomedical Data	\$294,132	PRINCETON UNIVERSITY	
Cell-specific molecular mechanisms underlying brain pathology in ASD	\$274,021	University of California, Davis	
Controlling Interareal Gamma Coherence by Optogenetics, Pharmacology and Behavior	\$250,546	PRINCETON UNIVERSITY	
Identification of genes responsible for a genetic cause of autism	\$250,000	Case Western Reserve University	
Protein Interaction Network Analysis to Test the Synaptic Hypothesis of Autism	\$249,000	SEATTLE CHILDREN'S HOSPITAL	
Deficits in KCC2 activity and the pathophysiology of Autism spectrum disorders	\$247,500	Tufts University	
CLARITY: circuit-dynamics and connectivity of autism-related behavior	\$246,539	Stanford University	
Interneuron subtype-specific malfunction in autism spectrum disorders	\$240,000	New York University	
Neural basis underlying autistic behaviors	\$240,000	The Scripps Research Institute	

Project Title	Funding	Institution
Variation in Neuroligin Concentration and Presynaptic Functional Development	\$237,438	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Quantitative Measurements of Cortical Excitability in Neurodevelopmental Disorder	\$237,250	STANFORD UNIVERSITY
BRAIN MICROSTRUCTURE & BEHAVIOR IN NEWLY-DIAGNOSED TODDLERS/PRESCHOOLERS WITH ASD	\$236,506	Washington University in St. Louis
Mapping Thalamocortical Networks Across Development in ASD	\$235,500	Vanderbilt University
Electrophysiological Response to Executive Control Training in Autism	\$235,084	CHILDREN'S HOSPITAL CORPORATION
Reducing Diversity at the Gamma Protocadherin Locus by CRISPR Targeting	\$230,739	JACKSON LABORATORY
UBR7 is a novel chromatin directed E3 ubiquitin ligase	\$225,956	Northwestern University
Role of a novel PRCI complex in neurodevelopment and ASD neurobiology	\$225,000	New York University
Correcting excitatory-inhibitory imbalance in autism	\$225,000	University of North Carolina
ANALYSIS OF CORTICAL FUNCTION	\$222,861	National Institutes of Health
CHARACTERIZATION OF OXYTOCIN RECEPTORS IN AUTISM SPECTRUM DISORDER	\$220,839	University of California, Davis
Time Perception and Timed Performance in Autism	\$219,234	MICHIGAN STATE UNIVERSITY
Intrinsic Brain Architecture of Young Children with Autism While Awake and Asleep	\$211,875	New York University
Long non-coding RNAs in gene regulatory networks underlying Autism	\$211,875	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Molecular control of prefrontal cortical circuitry in autism	\$211,875	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Thalamic activity and structure and surface neural oscillations in autism	\$207,016	Children's Hospital of Philadelphia
Mechanisms of Autonomic Brainstem Development	\$202,500	CHILDREN'S HOSPITAL OF LOS ANGELES
Role of autism-associated chromatin remodeler Brg1 in neuronal development	\$198,750	UT SOUTHWESTERN MEDICAL CENTER
Protein network of high risk copy number variants for psychiatric disorders	\$193,750	University of California, San Diego
Decoding the RGS14 Interactome/Signalosome in CA2 hippocampal neurons	\$191,640	Emory University
FMRI and EEG approaches to the resting state in ASD	\$190,411	SAN DIEGO STATE UNIVERSITY
Brain Network Development in Normal and Autistic Children	\$187,164	UNIVERSITY OF UTAH
Role of Draxin in Forebrain Connectivity and Complex Behaviors	\$179,959	WADSWORTH CENTER
Prefrontal corticothalamic circuits in autism	\$178,646	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Decoding Neural Systems Underlying Affective Prosody in Children with Autism	\$175,960	STANFORD UNIVERSITY
EEG-Based Assessment of Functional Connectivity in Autism	\$175,176	HUGO W. MOSER RES INST KENNEDY KRIEGER
Mechanisms underlying word learning in children with ASD: Non-social learning and	\$172,195	Boston University

Project Title	Funding	Institution	
Brain Systems Supporting Learning and Memory in Children with Autism	\$170,779	STANFORD UNIVERSITY	
Direct Examination of Imitation-Based Learning in Autism	\$161,600	HUGO W. MOSER RES INST KENNEDY KRIEGER	
Structural and Functional Neuroimaging of the Auditory System in Autism	\$158,038	Children's Hospital of Philadelphia	
Neural Circuits That Regulate Social Motivation in Autism	\$150,542	University of North Carolina	
Classifying autism etiology by expression networks in neural progenitors and differentiating neurons	\$149,999	Massachusetts General Hospital	
Multimodal Imaging of Social Brain Networks in ASD	\$149,499	SAN DIEGO STATE UNIVERSITY	
Tools for manipulating local protein synthesis in the brain	\$148,500	UNIVERSITY OF TORONTO	
Genomics Core	\$142,154	University of California, San Diego	
IMAGING BRAIN FUNCTION IN CHILDREN WITH AUTISM SPECTRUM DISORDERS WITH DIFFUSE OPTICAL TOMOGRAPHY	\$141,211	Washington University in St. Louis	
Brain Systems Underlying Episodic Memory for Social Stimuli in Childhood Autism	\$126,252	STANFORD UNIVERSITY	
Translational dysregulation of the RhoA pathway in autism	\$125,605	The Regents of the University of California, San Diego	
RNA dysregulation in autism	\$125,000	ROCKEFELLER UNIVERSITY	
Delineating the role of Ras/MAPK signaling in 16p11.2 phenotypes	\$125,000	The Regents of the University of California, San Francisco (Contracts & Grants)	
Disrupted Homeostatic Synaptic Plasticity in Autism Spectrum Disorders.	\$125,000	Brandeis University	
Role of Autism Susceptibility Gene, TAOK2 kinase, and its novel substrates in Synaptogenesis	\$120,904	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO	
Project 4: Calcium Signaling Defects in Autism (Pessah/Lein)	\$107,518	University of California, Davis	
Refining the Tourette Syndrome phenotype across diagnoses to aid gene discovery	\$104,613	UNIVERSITY OF FLORIDA	
Modeling multiple heterozygous genetic lesions in autism using Drosophila melanogaster	\$101,373	University of California, Los Angeles	
Computational characterization of language use in autism spectrum disorder	\$99,966	OREGON HEALTH & SCIENCE UNIVERSITY	
Alternative splicing-mediated mechanisms of cortical interneuron maturation and circuit integration	\$98,061	New York University	
Protein Interaction Network Analysis to Test the Synaptic Hypothesis of Autism	\$90,000	MAYO CLINIC ROCHESTER	
Validity and Reliability of New Standard for Resting fMRI Data	\$84,750	New York University	
Striatal Specific Alterations in Translation, Synaptic Function, and Behavior in	\$81,581	New York University	
Axonal Ultrastructure of Temporal White Matter in Autism	\$78,250	University of California, Davis	
BDNF regulation of the cortical neuron transcriptome	\$76,792	University of Colorado, Denver	
Alterations to corticothalamic circuitry in a mouse model of autism	\$74,000	LOUISIANA STATE UNIV A&M COL BATON ROUGE	
Visualizing neural circuits of social sensory processing	\$62,500	University of North Carolina	

Project Title	Funding	Institution	
Unreliability of neuronal responses in mouse models of autism	\$62,500	Carnegie Mellon University	
Mapping functional neural circuits that mediate social behaviors in autism	\$62,500	Duke University	
Hippocampal mechanisms of social learning in animal models of autism	\$62,500	Baylor College of Medicine	
Role of LIN28/let-7 axis in autism	\$62,500	Johns Hopkins University	
Pathogenic roles of paternal-age-associated mutations in autism	\$62,500	Weill Cornell Medical College	
CNTNAP2 regulates production, migration and organization of cortical neurons	\$62,500	Memorial Sloan-Kettering Cancer Center	
Understanding somatosensory deficits in Autism Spectrum Disorder	\$62,500	President and Fellows of Harvard College	
Parameterizing Neural Habituation in ASD with Sensory Overresponsivity	\$62,479	The Regents of the University of California, Los Angeles	
Functional analysis of EPHB2 mutations in autism	\$62,475	McLean Hospital	
Optogenetic treatment of social behavior in autism	\$60,236	University of California, Los Angeles	
Explore the pathogenic role of mTor signaling in chr16p11.2 microdeletion	\$60,000	CHILDREN'S HOSPITAL OF LOS ANGELES	
mpact of Pten mutations: brain growth trajectory and scaling of cell types	\$60,000	The Scripps Research Institute	
ntegrative Regulatory Network Analysis of iPSCs Derived Neuronal Progenitors from Macrocephalic ASD Individuals in a Family-based Design	\$60,000	Yale University	
Role of Neurexin in Synapse Formation and Maintenance	\$59,966	STANFORD UNIVERSITY	
An investigation of inductive learning in autism	\$59,770	The Regents of the University of California, Berkeley	
Neural Synchrony and Plasticity in Children with Autism	\$56,100	University of North Carolina	
nvestigating role of neurexin-1 mutation in autism using human induced neurons	\$56,042	STANFORD UNIVERSITY	
Artifacts as Windows to Other Minds: Social Reasoning In Typical and ASD Children	\$56,042	Boston University	
Behavioral and Neural Variability in Autism Spectrum Disorder	\$56,000	Vanderbilt University	
dentification of genetic pathways that regulate neuronal circuits in C. elegans	\$54,194	University of California, San Diego	
Development of auditory circuits in mouse models of autism	\$54,194	University of Maryland	
The flexibility of individuation and ensemble representation	\$54,194	Northwestern University	
Development of the Functional Touch Circuit	\$52,406	Harvard University	
A Novel GABA Signalling Pathway in the CNS	\$50,000	McLean Hospital	
Understanding the Role of Epac2 in Cognitive Function	\$48,120	Northwestern University	
The PI3K Catalytic Subunit p110delta as Biomarker and Therapeutic Target n Autism and Schizophrenia	\$45,000	Cincinnati Children's Hospital	
Brain-behavior interactions and visuospatial expertise in autism: a window nto the neural basis of autistic cognition	\$44,400	Hospital Riviere-des-Praires, University of Montreal, Canada	
Connectivity of the Posterior Cerebellum	\$39,720	PRINCETON UNIVERSITY	

Project Title	Funding	Institution
Timed mRNA translation events in neocortical development and neurodevelopmental disorders	\$39,720	RBHS-ROBERT WOOD JOHNSON MEDICAL SCHOOL
Monoallelic expression in neurons derived from induced pluripotent stem cells	\$35,232	ALBERT EINSTEIN COLLEGE OF MEDICINE
Disruption of Reelin biosynthesis by de novo missense mutations found in aut	\$33,503	UPSTATE MEDICAL UNIVERSITY
Dysregulated Translation and Synaptic Dysfunction in Medium Spiny Neurons of Autism Model Mice	\$33,333	New York University
Structural Polarity Influences Terminal Placement and Competition in Formation of the Calyx of Held	\$32,714	WEST VIRGINIA UNIVERSITY
Reconceptualizing Brain Connectivity and Development in Autism	\$30,000	University of Miami
Activity-dependent Mechanisms of Visual Circuit Formation	\$30,000	Children's Research Institute (CRI)
Interrogating Synaptic Transmission in Human Neurons	\$30,000	Stanford University
Investigating the Role of RBFOX1 in Autism Etiology	\$30,000	University of Miami
Regulation of Interneuron Development in the Cortex and Basal Ganglia by Coup-TF2	\$30,000	University of California, San Francisco
Perturbation of Excitatory Synapse Formation in Autism Spectrum Disorders	\$30,000	Max Planck Florida Institute for Neuroscience
A Role for Cytoplasmic Rbfox1/A2BP1 in Autism	\$30,000	University of California, Los Angeles
Developmental in Axons underlie Neuropsychiatric Illness	\$30,000	Children's Research Institute (CRI)
Neurobiological foundations of self-conscious emotion understanding in adolescents with ASD	\$30,000	University of Oregon
Alterations of the human brain structural connectome in preschool aged children with ASD	\$30,000	University of California, Davis
Dissecting Reciprocal CNVs Associated With Autism	\$30,000	Duke University
Neural Basis of Deficits in Multisensory Integration in Schizophrenia and ASD	\$30,000	Columbia University
Signaling Pathways that Regulate Excitatory-inhibitory Balance	\$30,000	University of California, San Diego
Corticogenesis and Autism Spectrum Disorders: New Hypotheses on Transcriptional Regulation of Embryonic Neurogenesis by FGFs from In Vivo Studies and RNA-sequencing Analysis of Mouse Brain	\$29,993	Yale University
Engagement of Social Cognitive Networks during Game Play in Autism	\$29,933	Duke University
Na+-H+ Exchanger Mechanisms in Autism Pathophysiology and Treatment	\$29,475	Brown University
Dissecting the Human Magnocellular Visual Pathway in Perceptual Disorders	\$28,000	New York University
Sensory contributions to autism spectrum disorders and links to social responsiveness	\$27,778	Vanderbilt University
Brain Somatic Mosaicism at ASD-Associated Loci	\$25,000	University of Michigan
The Interplay Between Human Astrocytes and Neurons in Psychiatric Disorders	\$25,000	University of California, San Diego

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Development of a connectomic functional brain imaging endophenotype of statistics and endoted and statistics of Cambridge and statistics of Ca		\$15,600	Cincinnati Children's Hospital
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Treatment and Behavioral Models of Autism Spectrum Disorders in Mice Appical architecture of prefrontal cortex in young children with autism \$0\$ University of California, San Diego Attention & word learning in children with ASD- Translating experimental frodings into intervention Action anticipation in Infants \$0\$ University of Chicago Mechanical characterization of brain tissue and individual neurons in Autism \$0\$ Mechanical characterization of brain tissue and individual neurons in Autism \$0\$ Mechanical characterization of brain tissue and individual neurons in Autism \$0\$ Mechanical characterization of brain tissue and individual neurons in Autism \$0\$ Mechanical characterization of brain tissue and individual neurons in Autism \$0\$ Mechanical characterization of brain tissue and individual neurons in Autism \$0\$ Mechanical characterization of brain tissue and individual neurons in Autism \$0\$ Mechanical characterization of brain tissue and individual neurons in Autism \$0\$ Mechanical characterization of brain tissue and individual neurons in Autism \$0\$ Mechanical characterization of brain tissue and individual neurons in Autism \$0\$ Mechanical characterization of brain regions for theory of mind \$0\$ Mechanical characterization of brain regions for theory of mind \$0\$ Mechanical characterization of brain regions for theory of mind \$0\$ Mechanical characterization of brain regions for theory of Medicine and substance of the neuron of the Neurolana neurons and the Medicine Spectram Discorders The role of the new mTOR complex, mTORC2, in autism spectrum \$0\$ Spectram Discorders The role of the new mTOR complex, mTORC2, in autism spectrum \$0\$ Dual modulators of GABA-A and Alpha? nicotinic receptors for treating autism \$0\$ University of California, Los Angeles University of California, Los Angeles BRIGE: Emotion mapping of children through human-robot interaction and area BRIGE: Emotion mapping of children through human-robot interaction and area \$0\$ University of California, Los Angeles University of Californi		\$13,664	University of Cambridge
Neural basis of cross-modal influences on perception Attention & word learning in children with ASD- Translating experimental findings into intervention Action anticipation in infants S0	TSC/mTOR Signaling in Adult Hippocampal Neurogenesis: Impact on Treatment and Behavioral Models of Autism Spectrum Disorders in Mice	\$7,769	University of California, Los Angeles
Attention & word learning in children with ASD- Translating experimental findings into intervention Action anticipation in infants \$0 Women & Infants Hospital Luniversity of Chicago Boston Children's Hospital Spectrum Disorders Mechanical characterization of brain tissue and individual neurons in Autism Spectrum Disorders Mechanical and atypical development of brain regions for theory of mind CAREER: Typical and atypical and atypical development of brain regions for theory of mind Functional analysis of EPHB2 mutations in autism - Project 1 \$0 Massachusetts institute of Technology Millsensory processing in autism \$0 Baylor College of Medicine OLSPUDITION OF TROPHIC INHIBITORY SIGNALING IN AUTISM \$0 SPECTRUM DISORDERS The role of the new mTOR complex, mTORC2, in autism spectrum disorders The role of the new mTOR complex, mTORC2, in autism spectrum autism autism \$0 Luniversity of California, Invine Baylor College of Medicine Data modulators of GABA-A and Alpha7 nicotinic receptors for treating autism \$0 Luniversity of California, Los Angeles A functional genomic analysis of the cerebral cortex \$0 Luniversity of Geneva BRIGE: Emotton mapping of children through human-robot interaction and area and an eward in autism: Possible role for ventral tegmental area \$0 University of Louiville BRIGE: Emotton mapping of children through human-robot interaction and affective computing Local connectivity in altered excitation/inhibition balance states \$0 Weizmann Institute of Science Abnormal connectivity in autism \$0 University of Utah R. Small: Addressing visual analogy problems on the raven's intelligence test White matter glial pathology in autism \$0 University of Maryland White matter glial pathology in autism	Atypical architecture of prefrontal cortex in young children with autism	\$0	University of California, San Diego
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Mechanical characterization of brain tissue and individual neurons in Autism Spectrum Disorders CAREER: Typical and atypical development of brain regions for theory of mind Spectrum Disorders CAREER: Typical and atypical development of brain regions for theory of mind Spectrum Disorders So Massachusetts Institute of Technology Massachusetts Institute of Technology Massachusetts Institute of Technology Yale University Massachusetts Institute of Technology Massachusetts Institute of Selected Baylor College of Medicine		\$0	Women & Infants Hospital
Spectrum Disorders CAREER: Typical and atypical development of brain regions for theory of mind Functional analysis of EPHB2 mutations in autism - Project 1 \$0 Yale University Mutisensory processing in autism \$0 Baylor College of Medicine DISRUPTION OF TROPHIC INHIBITORY SIGNALING IN AUTISM \$0 Northwestern University \$0 Baylor College of Medicine Northwestern University \$0 Daylor College of Medicine Disruption of the new mTOR complex, mTORC2, in autism spectrum disorders: \$0 Baylor College of Medicine University of California, Irvine University of California, Irvine \$0 A functional genomic analysis of the cerebral cortex \$0 University of California, Los Angeles Social interaction and reward in autism: Possible role for ventral tegmental area area BRIGE: Emotion mapping of children through human-robot interaction and area BRIGE: Emotion mapping of children through human-robot interaction and area BRIGE: Estatistical models and classification of time-varying shape \$0 University of California, Los Angeles University of Coulifornia, Los Angeles University of Coulifornia, Los Angeles University of Coulifornia, Los Angeles University of California, Los Angeles CAREER: Statistical models and classification of time-varying shape \$0 University of Manyland University of Manyland White matter glial pathology in autism	Action anticipation in infants	\$0	University of Chicago
Functional analysis of EPHB2 mutations in autism - Project 1 \$0 Yale University Multisensory processing in autism		\$0	Boston Children's Hospital
Multisensory processing in autism DISRUPTION OF TROPHIC INHIBITORY SIGNALING IN AUTISM SPECTRUM DISORDERS The role of the new mTOR complex, mTORC2, in autism spectrum disorders University of California, Irvine autism A functional genomic analysis of the cerebral cortex Social interaction and reward in autism: Possible role for ventral tegmental area BRIGE: Emotion mapping of children through human-robot interaction and affective computing Local connectivity in altered excitation/inhibition balance states So Weizmann Institute of Science Abnormal connectivity in autism So University of California, Los Angeles University of Louisville Meizmann Institute of Science Abnormal connectivity in autism So University of California, Los Angeles University of Louisville of Science University of California, Los Angeles University of Louisville of Science University of California, Los Angeles University of Utah RI: Small: Addressing visual analogy problems on the raven's intelligence test Weizmann Institute of Science University of Utah Georgia Tech Research Corporation University of Maryland White matter glial pathology in autism So University of Maryland White matter glial pathology in autism		\$0	Massachusetts Institute of Technology
DISRUPTION OF TROPHIC INHIBITORY SIGNALING IN AUTISM SPECTRUM DISORDERS The role of the new mTOR complex, mTORC2, in autism spectrum disorders Dual modulators of GABA-A and Alpha7 nicotinic receptors for treating autism A functional genomic analysis of the cerebral cortex So Social interaction and reward in autism: Possible role for ventral tegmental area BRIGE: Emotion mapping of children through human-robot interaction and affective computing Local connectivity in altered excitation/inhibition balance states So University of Louisville Weizmann Institute of Science Abnormal connectivity in autism So University of California, Los Angeles University of Louisville Weizmann Institute of Science University of California, Los Angeles University of Louisville Georgia Tech Research Corporation test How autism affects speech understanding in multitalker environments So University of Maryland White matter glial pathology in autism So East Tennessee State University	Functional analysis of EPHB2 mutations in autism - Project 1	\$0	Yale University
SPECTRUM DISORDERS The role of the new mTOR complex, mTORC2, in autism spectrum disorders Dual modulators of GABA-A and Alpha7 nicotinic receptors for treating autism A functional genomic analysis of the cerebral cortex So Social interaction and reward in autism: Possible role for ventral tegmental area BRIGE: Emotion mapping of children through human-robot interaction and affective computing Local connectivity in altered excitation/inhibition balance states So Abnormal connectivity in autism So University of California, Los Angeles University of Geneva BRIGE: Emotion mapping of children through human-robot interaction and affective computing Local connectivity in altered excitation/inhibition balance states So University of Louisville University of California, Los Angeles University of Louisville CAREER: Statistical models and classification of time-varying shape So University of Maryland White matter glial pathology in autism So East Tennessee State University	Multisensory processing in autism	\$0	Baylor College of Medicine
disorders Dual modulators of GABA-A and Alpha7 nicotinic receptors for treating autism A functional genomic analysis of the cerebral cortex \$0 University of California, Irvine University of California, Los Angeles Social interaction and reward in autism: Possible role for ventral tegmental area BRIGE: Emotion mapping of children through human-robot interaction and affective computing Local connectivity in altered excitation/inhibition balance states \$0 University of Louisville University of Louisville Local connectivity in autism \$0 University of California, Los Angeles University of Louisville University of Louisville University of Louisville University of California, Los Angeles University of California, Los Angeles University of California, Los Angeles CAREER: Statistical models and classification of time-varying shape \$0 University of University of Utah RI: Small: Addressing visual analogy problems on the raven's intelligence test How autism affects speech understanding in multitalker environments \$0 University of Maryland White matter glial pathology in autism \$0 East Tennessee State University		\$0	Northwestern University
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Social interaction and reward in autism: Possible role for ventral tegmental area BRIGE: Emotion mapping of children through human-robot interaction and affective computing Local connectivity in altered excitation/inhibition balance states \$0 Weizmann Institute of Science Abnormal connectivity in autism \$0 University of California, Los Angeles CAREER: Statistical models and classification of time-varying shape \$0 University of Utah RI: Small: Addressing visual analogy problems on the raven's intelligence test How autism affects speech understanding in multitalker environments \$0 University of Maryland University of Maryland East Tennessee State University		\$0	University of California, Irvine
area BRIGE: Emotion mapping of children through human-robot interaction and affective computing Local connectivity in altered excitation/inhibition balance states \$0 Weizmann Institute of Science Abnormal connectivity in autism \$0 University of California, Los Angeles CAREER: Statistical models and classification of time-varying shape \$0 University of Utah RI: Small: Addressing visual analogy problems on the raven's intelligence test How autism affects speech understanding in multitalker environments \$0 University of Maryland University of Maryland White matter glial pathology in autism \$0 East Tennessee State University	A functional genomic analysis of the cerebral cortex	\$0	University of California, Los Angeles
affective computing Local connectivity in altered excitation/inhibition balance states \$0 Weizmann Institute of Science Abnormal connectivity in autism \$0 University of California, Los Angeles CAREER: Statistical models and classification of time-varying shape \$0 University of Utah RI: Small: Addressing visual analogy problems on the raven's intelligence test How autism affects speech understanding in multitalker environments \$0 University of Maryland White matter glial pathology in autism \$0 East Tennessee State University		\$0	University of Geneva
Abnormal connectivity in autism \$0 University of California, Los Angeles CAREER: Statistical models and classification of time-varying shape RI: Small: Addressing visual analogy problems on the raven's intelligence test How autism affects speech understanding in multitalker environments \$0 University of California, Los Angeles University of Utah Georgia Tech Research Corporation University of Maryland University of Maryland East Tennessee State University		\$0	University of Louisville
CAREER: Statistical models and classification of time-varying shape \$0 University of Utah RI: Small: Addressing visual analogy problems on the raven's intelligence test How autism affects speech understanding in multitalker environments \$0 University of Maryland White matter glial pathology in autism \$0 East Tennessee State University	Local connectivity in altered excitation/inhibition balance states	\$0	Weizmann Institute of Science
RI: Small: Addressing visual analogy problems on the raven's intelligence test How autism affects speech understanding in multitalker environments White matter glial pathology in autism Georgia Tech Research Corporation University of Maryland East Tennessee State University	Abnormal connectivity in autism	\$0	University of California, Los Angeles
test	CAREER: Statistical models and classification of time-varying shape	\$0	University of Utah
White matter glial pathology in autism \$0 East Tennessee State University		\$0	Georgia Tech Research Corporation
	How autism affects speech understanding in multitalker environments	\$0	University of Maryland
Contribution of cerebellar CNTNAP2 to autism in a mouse model \$0 University of Oxford	White matter glial pathology in autism	\$0	East Tennessee State University
	Contribution of cerebellar CNTNAP2 to autism in a mouse model	\$0	University of Oxford

Project Title	Funding	Institution
BRAIN MECHANISMS OF AFFECTIVE LANGUAGE COMPREHENSION IN AUTISM SPECTRUM DISORDERS	\$0	University of Maryland
Network Optimization of Functional Connectivity in Neuroimaging for Differential Diagnosis of Brain Diseases	\$0	University of Washington
MRI: Acquistion of an Infrared Eye Tracker to Study the Emergence, Use, Loss, and Requisition of Communication Skills	\$0	Emerson College
Social reward in autism: Electrophysiological, behavioral, and clinical correlates	\$0	SEATTLE CHILDREN'S HOSPITAL
SHB: Type II (INT): Synthesizing self-model and mirror feedback imageries with applications to behavior modeling for children with autism	\$0	University of Kentucky
Collaborative Research: Revealing the Invisible: Data-Intensive Research Using Cognitive, Psychological, and Physiological Measures to Optimize STEM Learning	\$0	Massachusetts Institute of Technology
Collaborative Research: Revealing the Invisible: Data-Intensive Research Using Cognitive, Psychological, and Physiological Measures to Optimize STEM Learning	\$0	Landmark College
Characterizing and Manipulating the Social Reward Dysfunction in a Novel Mouse Model for Autism	\$0	Massachusetts Institute of Technology
Collaborative Research: Revealing the Invisible: Data-Intensive Research Using Cognitive, Psychological, and Physiological Measures to Optimize STEM Learning	\$0	TERC Inc